# HEAT RESISTANT MULTI CONDUCTOR CABLES



## CHARACTERISTICS

*General*

- Continuous working temperatures: -60 to + 200°C.
- Excellent resistance to aggressive chemical atmospheres
- Excellent resistance to humidity and UV.

*Electrical*

- Working voltage: 300/500V.
- Test voltage: 2500V.

## PRODUCTS

- Color of insulation and external sheath : white-white-red; brick red.

## OPTIONS

- Insulator in FEP-fluorinated polymer for a continuous working temperature of **205°C**
- Sheath in SiR EI2 silicone rubber for a continuous working temperature of **200°C** and improved mechanical resistance
- Other cross-sections and conductor number: available on request.

## PACKAGING

- Rolls, spools or drums.



## CABLE CONSTRUCTION

- Tinned copper conductor, stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5, HD 383 cl. 5 and IEC 60228
- FEP fluorinated polymer insulator, outer sheath silicone rubber EI2
- Also available in other jacket colors

## APPLICATION

Fluorinated polymer insulated and silicone sheathed multi-core cables are used for: wiring of measurement and control devices in professional electronics, wiring in hot and cold (cryogenic) environments, wiring in aggressive environments (humid, chemical, etc.), wiring requiring compact installation and excellent cable flexibility.

## TABLE DIMENSIONAL AND INSULATION VALUES:

| Number of conductors and nominal cross-section | Thickness of insulation Specified value | Diameter of insulated conductor | Thickness of sheath Specified value | Average outer diameter |
|---|---|---|---|---|
| $mm^2$ | mm | mm | mm | mm |
| 3 x 0,22 | 0,20 | 1,05 | 1,25 | 4,75 ± 0,07 |

MG WIRES GROUP Sp. z o.o.

ul. Porcelanowa 23
PL 40-246 Katowice

ul. Cieszyńska 6
PL 43-520 Chybie

+48 692 253 898
+48 33 474 08 00

sprzedaz@mgwires.pl
zamowienia@mgwires.pl